

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047680.D
 Acq On : 9 Dec 2020 19:19
 Operator : CG/JU
 Sample : L4941-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 00:44:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	36696	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	137407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	109525	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	274195	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	246113	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	261649	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	1628	2.36	ng/uL	0.00
5) Phenol-d5	7.36	99	36954	11.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	19410	12.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	31391	13.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	22245	8.92	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	14930	13.33	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	16992	12.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	34054	11.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	35862	13.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	117536	12.36	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	143265	13.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	15464	10.96	ng/ul	0.00
58) Fluorene-d10	15.82	176	108833	12.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	17167	9.25	ng/ul	0.00
71) Anthracene-d10	17.67	188	178054	13.02	ng/ul	0.00
79) Pyrene-d10	19.94	212	218002	14.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	211580	13.84	ng/ul	0.00

Target Compounds

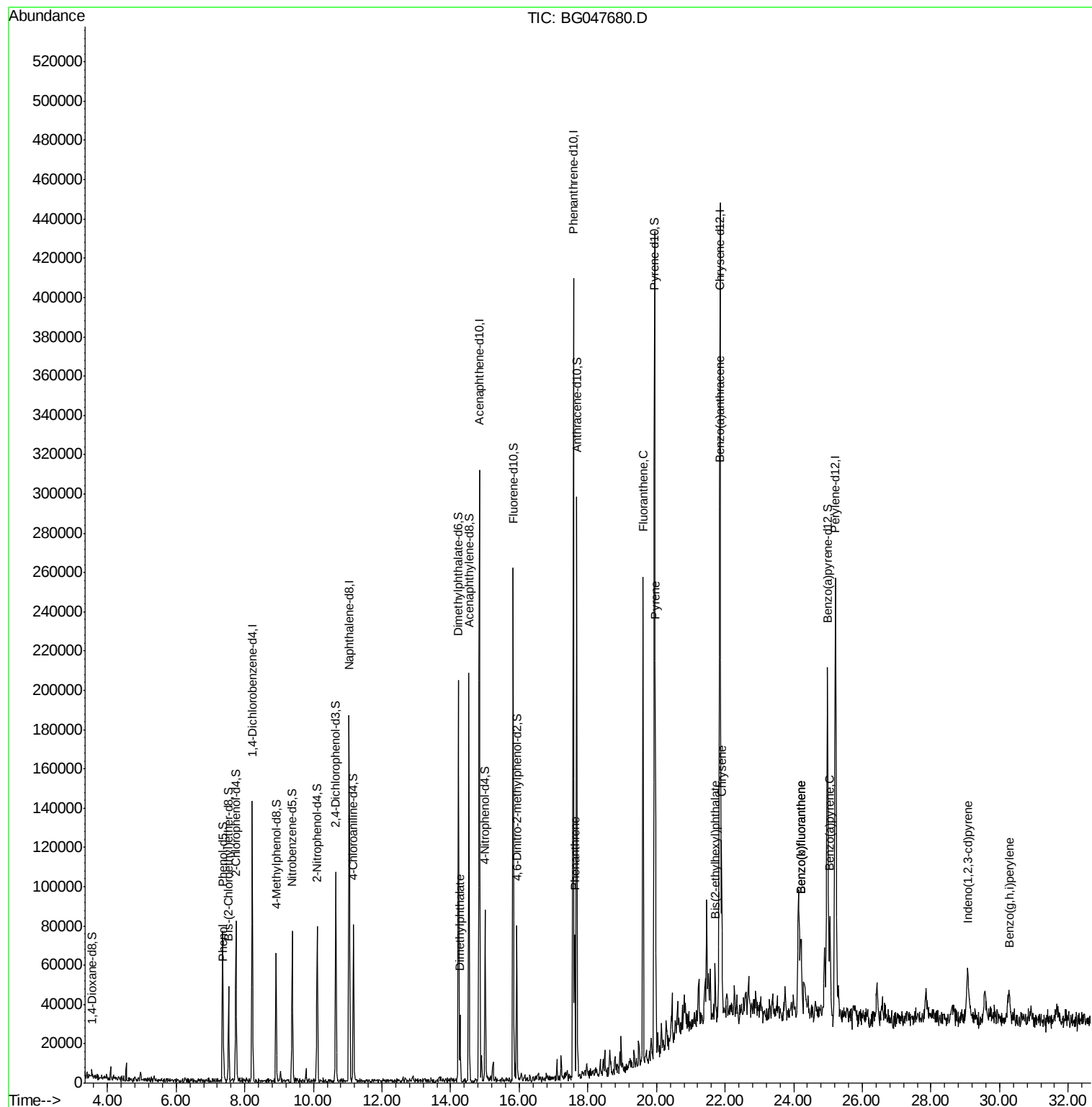
					Ovalue	
6) Phenol	7.38	94	7081	2.386	ng/ul#	80
45) Dimethylphthalate	14.27	163	18552	1.925	ng/ul	97
70) Phenanthrene	17.62	178	45398	3.055	ng/ul	97
77) Fluoranthene	19.61	202	160419	8.483	ng/ul	99
80) Pyrene	19.97	202	134637	7.522	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	72930	4.148	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.71	149	8798	1.053	ng/ul	93
85) Chrysene	21.90	228	68143	4.106	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	33523	1.835	ng/ul	98
89) Benzo(k)fluoranthene	24.21	252	33523	1.852	ng/ul	98
91) Benzo(a)pyrene	25.05	252	59145	3.591	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	29.06	276	41027	2.043	ng/ul	99
94) Benzo(g,h,i)perylene	30.27	276	20243	1.228	ng/ul#	85

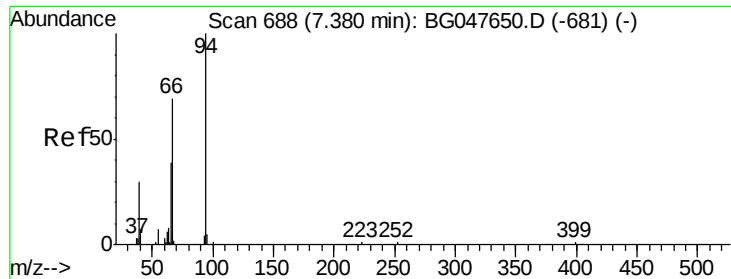
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.386 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

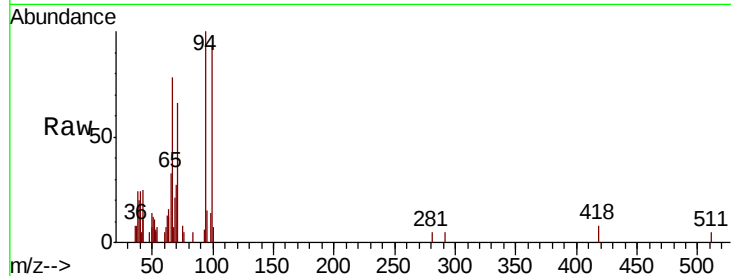
Tot Ion: 94 Resp: 7081

Ion Ratio Lower Upper

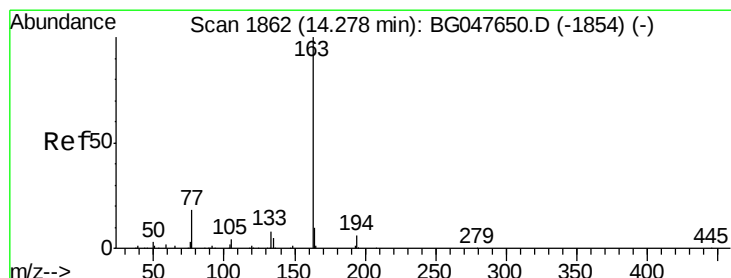
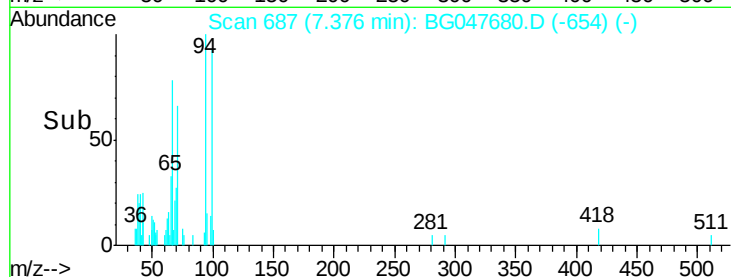
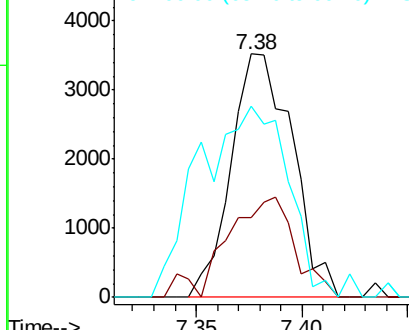
94 100

65 32.6 35.9 53.9#

66 78.4 50.1 75.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 1.925 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

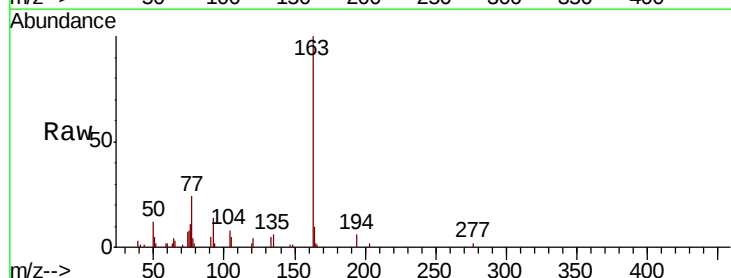
Tgt Ion:163 Resp: 18552

Ion Ratio Lower Upper

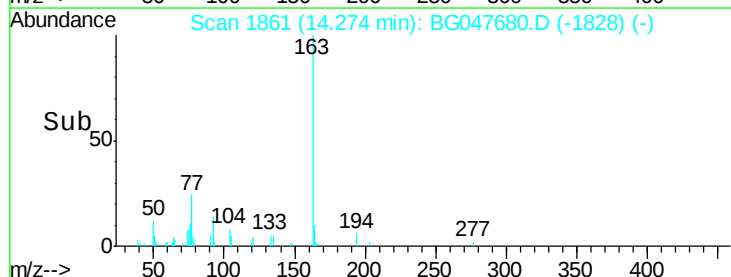
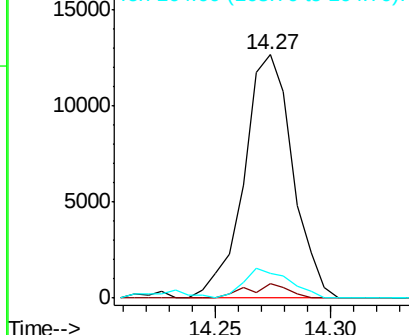
163 100

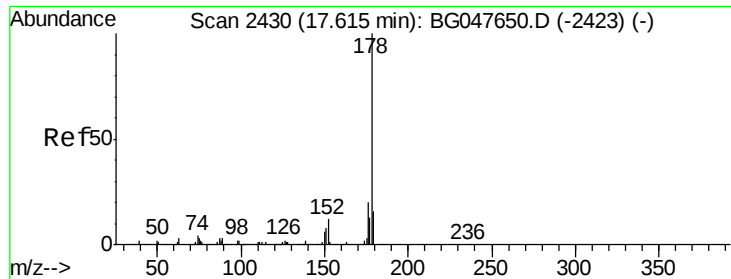
194 5.7 3.9 5.9

164 10.4 7.4 11.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

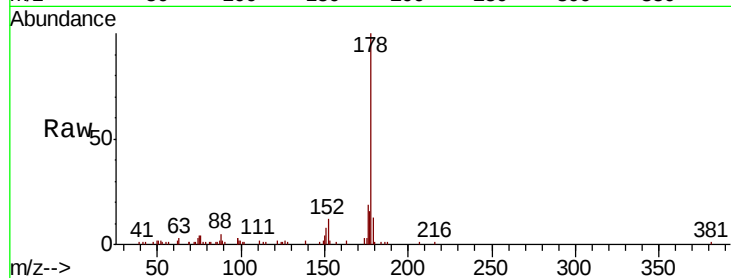




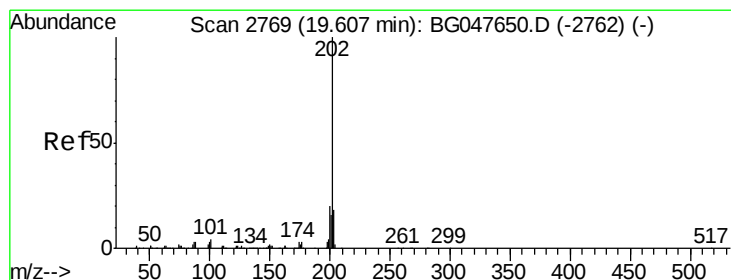
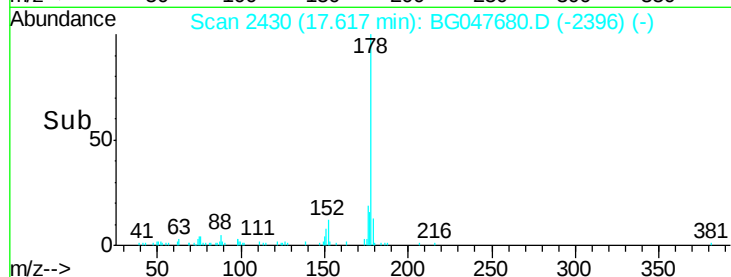
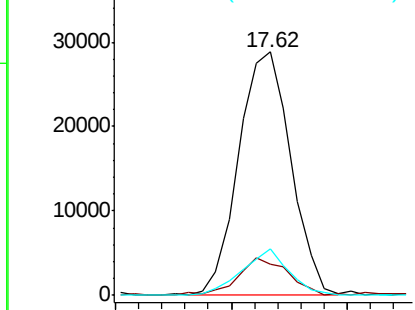
#70
Phenanthrene
Concen: 3.055 ng/ul
RT: 17.62 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:178 Resp: 45398
Ion Ratio Lower Upper
178 100
179 12.7 11.6 17.4
176 19.2 15.8 23.8

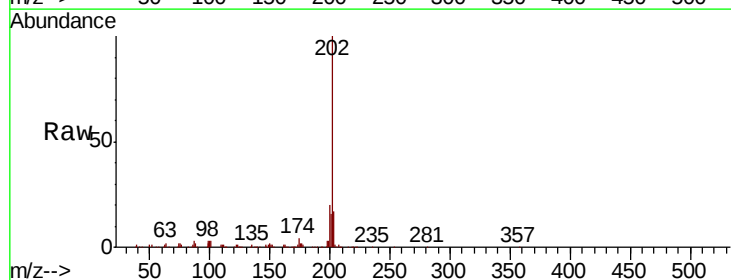


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

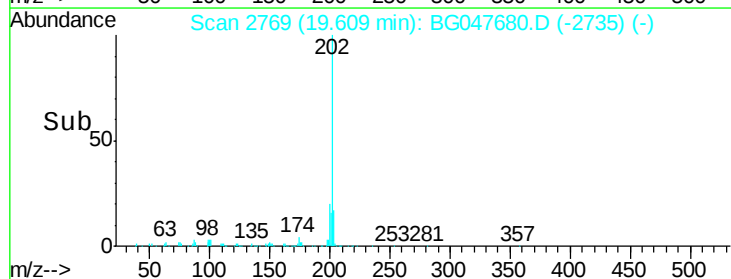
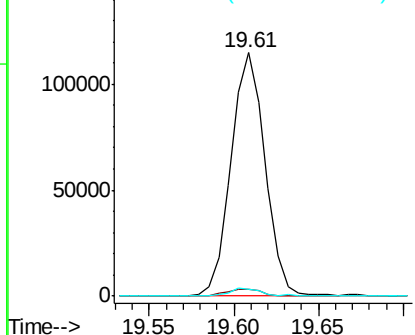


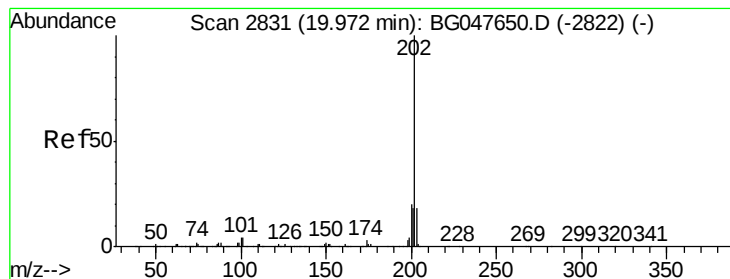
#77
Fluoranthene
Concen: 8.483 ng/ul
RT: 19.61 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BG047680.D
Acq: 9 Dec 2020 19:19

Tgt Ion:202 Resp: 160419
Ion Ratio Lower Upper
202 100
101 2.6 2.4 3.6
100 3.0 2.6 3.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 7.522 ng/ul

RT: 19.97 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

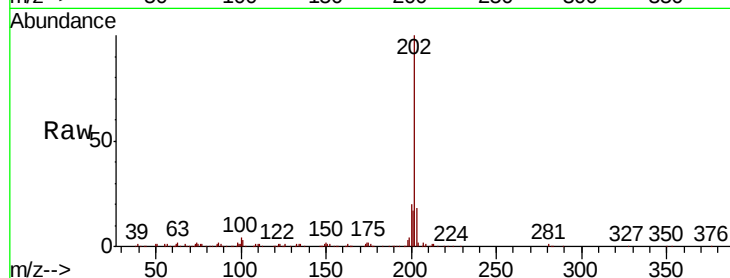
Tot Ion:202 Resp: 134637

Ion Ratio Lower Upper

202 100

101 3.4 2.5 3.7

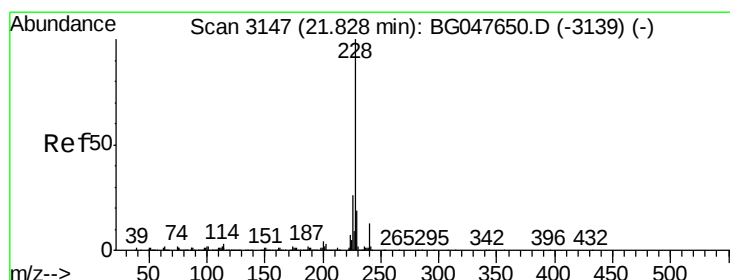
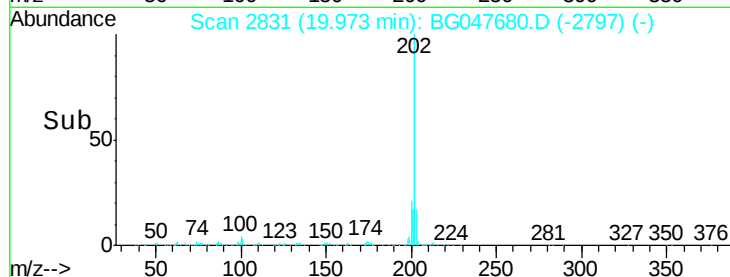
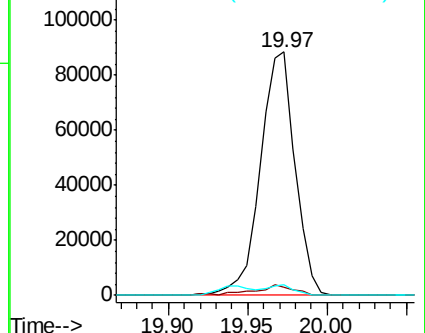
100 4.3 2.4 3.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83

Benzo(a)anthracene

Concen: 4.148 ng/ul

RT: 21.83 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

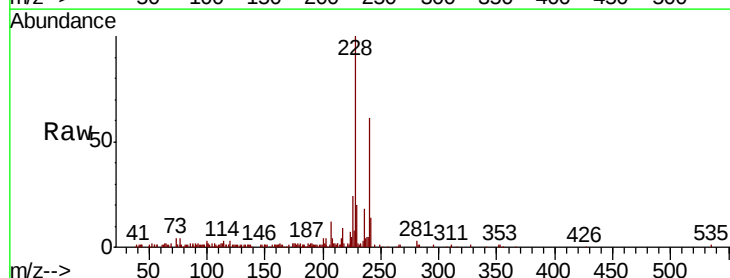
Tgt Ion:228 Resp: 72930

Ion Ratio Lower Upper

228 100

229 19.5 16.0 24.0

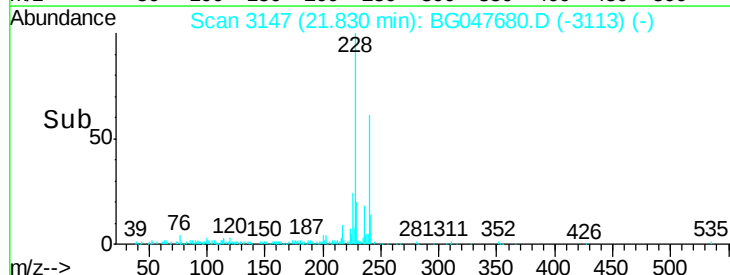
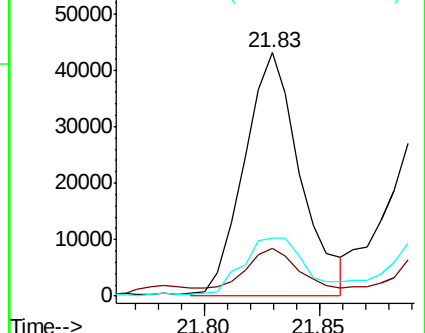
226 23.6 22.4 33.6

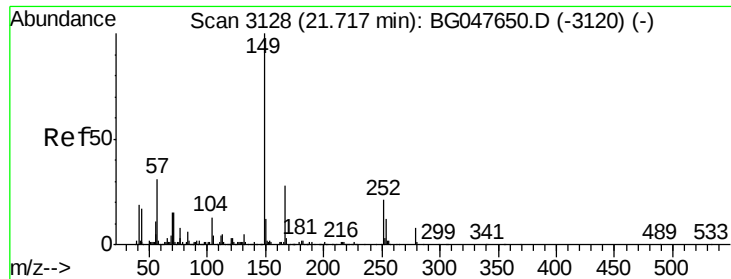


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.053 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

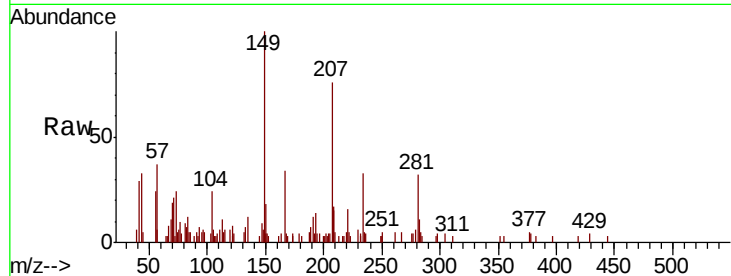
Tot Ion:149 Resp: 8798

Ion Ratio Lower Upper

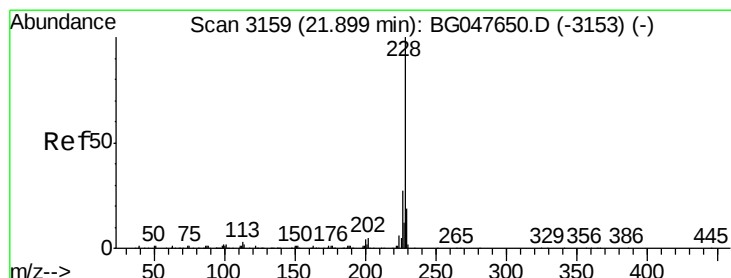
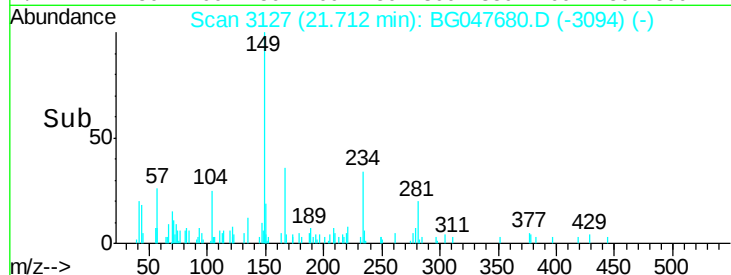
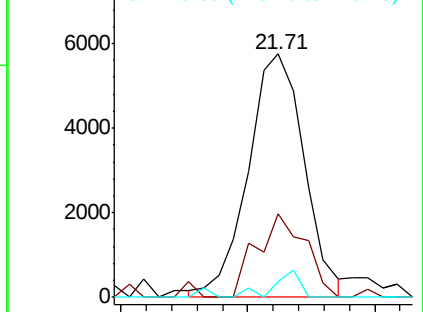
149 100

167 34.5 23.8 35.6

279 6.3 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.106 ng/ul

RT: 21.90 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

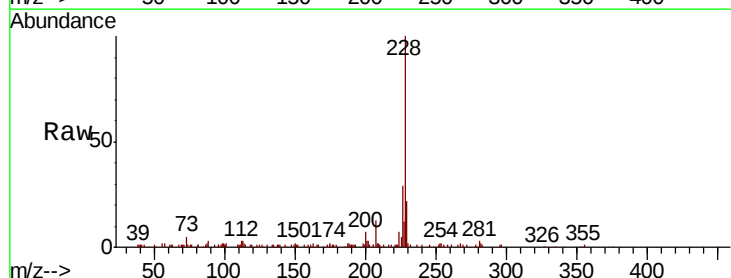
Tgt Ion:228 Resp: 68143

Ion Ratio Lower Upper

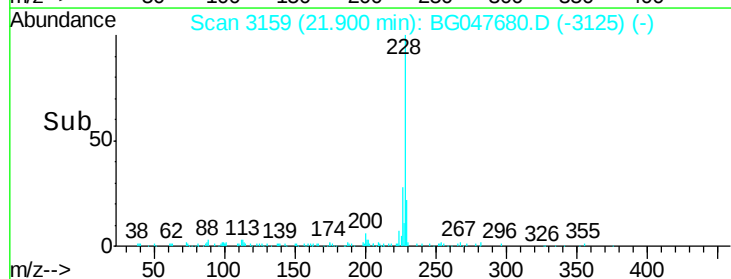
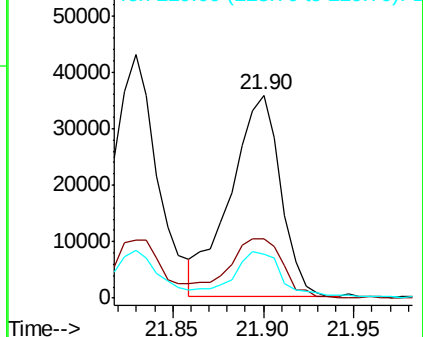
228 100

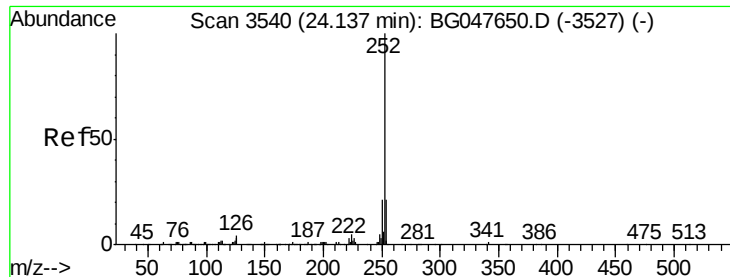
226 29.0 23.0 34.4

229 21.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.835 ng/ul

RT: 24.21 min Scan# 3552

Delta R.T. 0.07 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

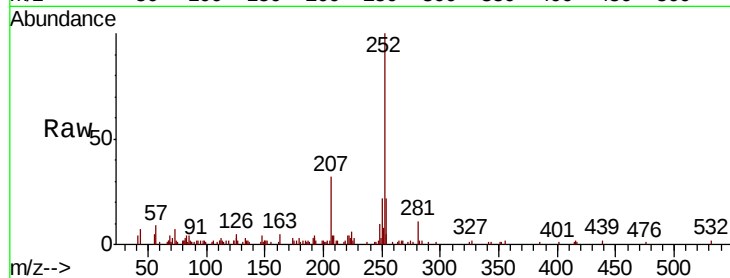
Tot Ion:252 Resp: 33523

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

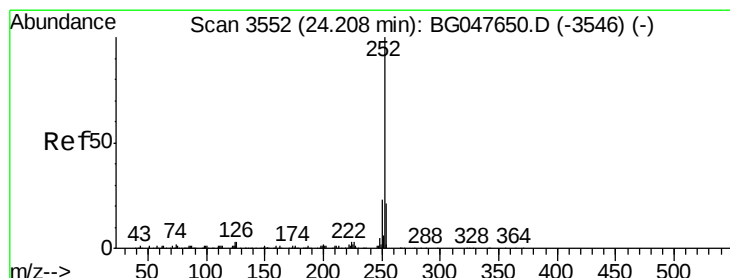
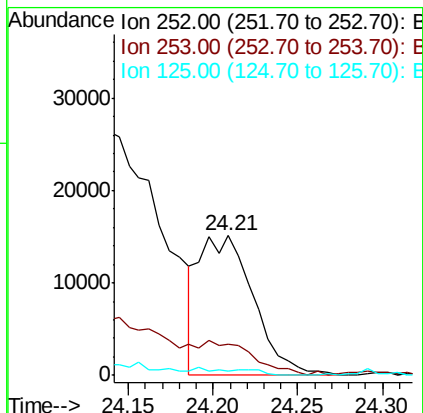
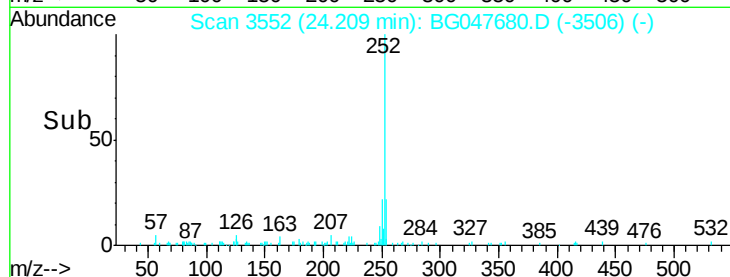
125 3.4 2.6 3.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 1.852 ng/ul

RT: 24.21 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

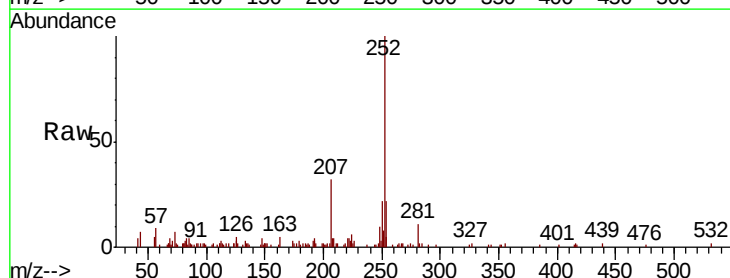
Tgt Ion:252 Resp: 33523

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

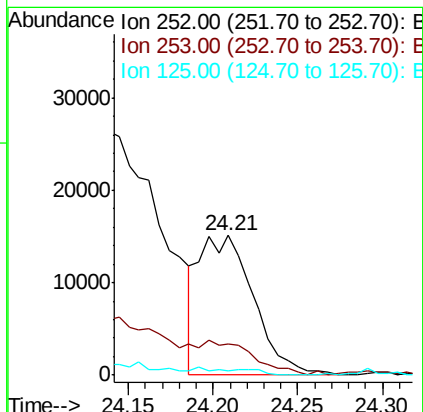
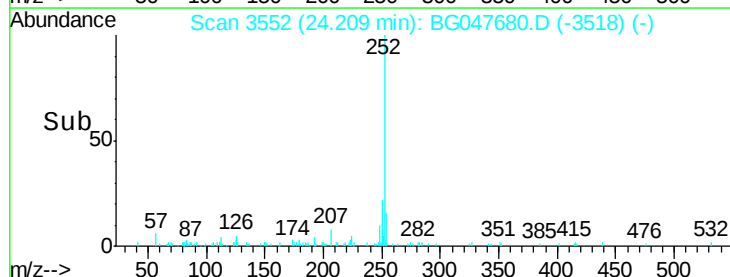
125 3.4 2.2 3.4

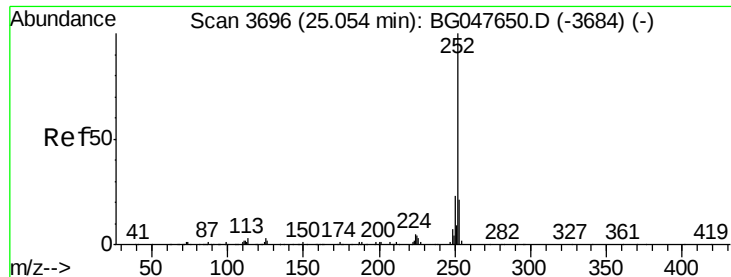


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.591 ng/ul

RT: 25.05 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

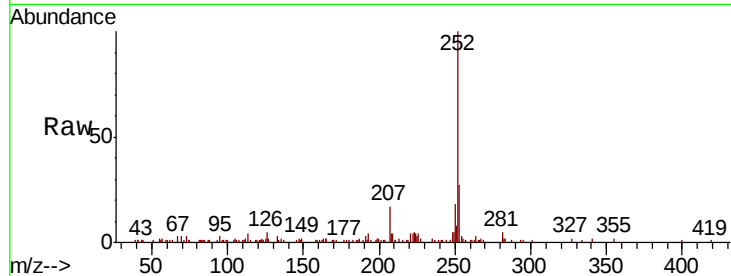
Tot Ion:252 Resp: 59145

Ion Ratio Lower Upper

252 100

253 27.0 16.9 25.3#

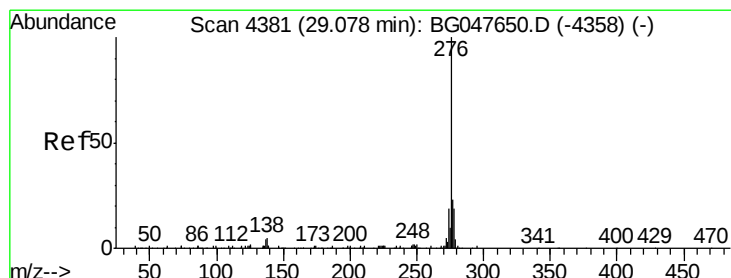
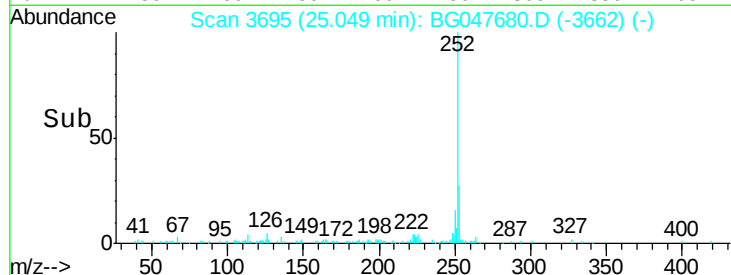
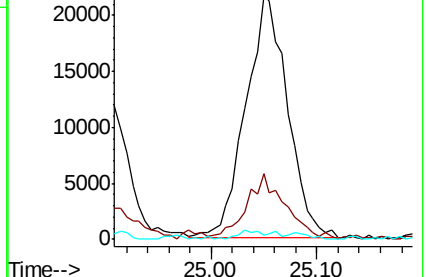
125 1.5 2.6 3.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.043 ng/ul

RT: 29.06 min Scan# 4378

Delta R.T. -0.02 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

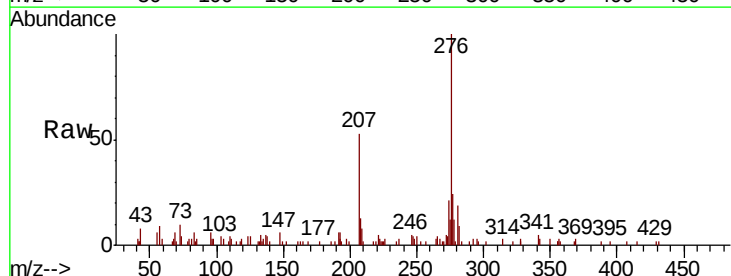
Tgt Ion:276 Resp: 41027

Ion Ratio Lower Upper

276 100

138 4.0 3.3 4.9

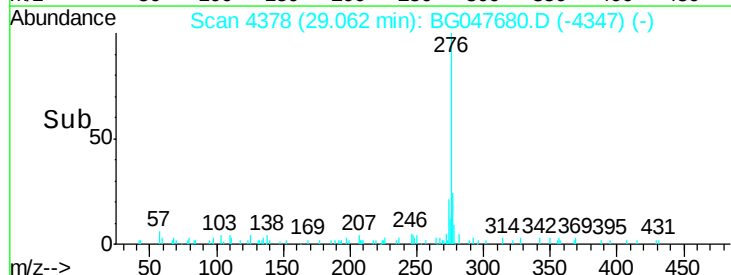
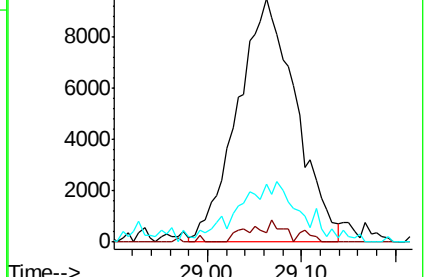
277 23.9 18.6 27.8

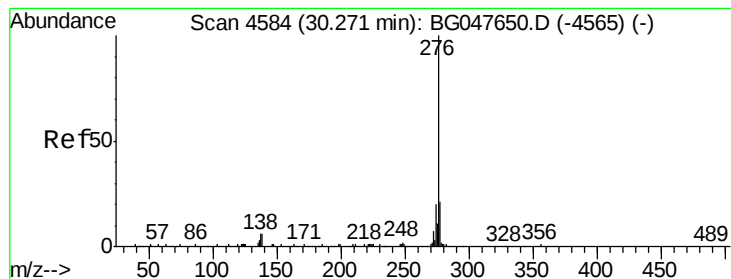


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.228 ng/ul

RT: 30.27 min Scan# 4584

Delta R.T. 0.00 min

Lab File: BG047680.D

Acq: 9 Dec 2020 19:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 20243

Ion Ratio Lower Upper

276 100

138 5.7 4.7 7.1

277 17.9 21.9 32.9#

